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# United States Department of Agriculture

## MONTHLY LIST OF PUBLICATIONS AND MOTION PICTURES\*

FEBRUARY 1947

**READ CAREFULLY:** Any five of the nontechnical publications listed, unless marked for sale only, may be obtained free as long as the supply lasts. Free distribution of technical material is restricted.

Publications cannot be sent free if more than five are wanted or if request comes from a foreign correspondent. This also applies to persons not qualifying for technical material. In such cases, requests accompanied by remittances should be addressed: Superintendent of Documents, Government Printing Office, Washington 25, D. C. Foreign correspondents should add one-third of the cost of publications to defray postage charges.

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### BULLETIN OF THE MONTH

**"Summer Crops for Green Manure and Soil Improvement."**  
Farmers' Bulletin 1750.

This revised bulletin describes generally how to use summer crops for green manure and soil improvement and specifically how the various legumes and nonlegumes are used.

### CIRCULARS

**The farm real estate situation, 1945-46.** M. M. Regan and A. R. Johnson. Bureau of Agricultural Economics. 45 p., illus. (C 754). Price 15¢.

This circular shows the farm real estate situation for the 12-month period ending about March 1, 1946 for farm land, together with buildings and other permanent improvements.

### FARMERS' BULLETINS

**Summer crops for green manure and soil improvement.** Roland McKee. Bureau of Plant Industry, Soils, and Agricultural Engineering. 16 p., illus. (F 1750, rev.) Price 10¢. See above.

### LEAFLETS

**Crested wheatgrass.** H. L. Westover and George A. Rogler. Bureau of Plant Industry, Soils, and Agricultural Engineering. 8 p., illus. (L 104, rev.) Price 5¢.

Crested wheatgrass is especially well adapted to the northern Great Plains, where the temperatures are severe and the moisture supply is limited, and westward to the Sierra Nevada. In this general region it has proved particularly valuable for regrassing abandoned crop lands.

### MISCELLANEOUS PUBLICATIONS

**The National Turkey Improvement Plan.** Bureau of Animal Industry, in cooperation with representatives of the official State agencies, the National Turkey Federation, and turkey breeders and hatcheries. 24 p., illus. (M 555, rev.) Price 10¢.

The primary objectives of the National Turkey Improvement Plan are to improve the production and market quality of turkeys and to reduce losses from

\*Compiled by Eleanor W. Clay, Office of Information.

disease. This revised publication gives the regulations under which the plan operates.

### SERVICE AND REGULATORY MATERIAL

**Service and regulatory announcements.** Bureau of Animal Industry. December 1946. Pp. 79-86. (S.R.A.-B.A.I. 476.) Price 5¢ a copy, 25¢ a year, domestic; 45¢ a year, foreign.<sup>1</sup>

### TECHNICAL BULLETINS

**Root ecology of guayule.** Cornelius H. Muller. Bureau of Plant Industry, Soils, and Agricultural Engineering. 114 p., illus. (T 923). Price 25¢.

The principal purpose of this study was to furnish agronomists with information on root development of guayule.

**Passage of liquids, vapors, and dissolved materials through softwoods.** Alfred J. Stamm. Forest Service. 80 p., illus. (T 929). Price 25¢.

The fundamentals of the movement of liquids, vapors, and dissolved materials through softwoods are analyzed.

**Marketing margins and costs for livestock and meat.** Knute Bjorka. Bureau of Agricultural Economics. 102 p. (T 932). Price 25¢.

The primary purpose of this bulletin is to bring together and coordinate the available data bearing on the problem of margins and costs of marketing and processing livestock and meat. The base period for the study is 1939, the last year representing "normal" peacetime conditions.

### OTHER PUBLICATIONS

**Agricultural statistics, 1946.** 739 p. Price (paper) \$1.25.

Agricultural statistics is an annual volume which brings together in one book the more important series of statistics compiled in the Department of Agriculture or in other departments whose work has some bearing on the subject of agriculture.

**Products of American forests.** J. Alfred Hall and T. J. Mosley. Forest Service. 50 p., illus. Price 20¢. Free distribution restricted.

The part that scientific research has to perform in maintaining and increasing the utility value of forest products and some of its accomplishments in that direction are pointed out. This is a revision of a previous publication under the same title.

**Report of the Chief of the Bureau of Entomology and Plant Quarantine, Agricultural Research Administration, 1946.** P. N. Annand. Price 15¢. For sale only.<sup>1</sup>

This is the annual report of the above bureau for the fiscal year 1945-1946.

**The white pine blister rust disease.** Bureau of Entomology and Plant Quarantine. Folder, rev., [4] p., illus.

This revised publication presents questions and answers on causes of white pine blister rust disease and its control.

### PERIODICALS

A sample copy of a previous issue only will be sent for examination

**Agriculture in the Americas.** Index to Vol. VI, 1946. Office of Foreign Agricultural Relations.

<sup>1</sup> Payable to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

**Agriculture in the Americas.** Vol. II, No. 2. February 1947. Price 10¢ a copy, 75¢ a year, domestic; \$1.20 a year, foreign.<sup>1</sup>

**Bibliography of agriculture.** Vol. 10, No. 2. February 1947. Price 40¢ a copy, \$4.50 a year, domestic; \$5.50 a year, foreign.<sup>1</sup>

**Consumers' guide.** Vol. XIII, No. 2. February 1947. Price 5¢ a copy, 50¢ a year, domestic; 70¢ a year, foreign.<sup>1</sup>

**Experiment station record.** Vol. 95, No. 5; November 1946. Vol. 95, No. 6; December 1946. Subscription per volume (2 volumes a year), consisting of 6 monthly numbers and index, \$1.25, single numbers, 20¢ a copy. Foreign subscription per volume, \$2.00 a year.<sup>1</sup>

**Extension service review.** Vol. 18, No. 2. February 1947. Price 10¢ a copy, 75¢ a year, domestic; \$1.15 a year, foreign.<sup>1</sup>

**Foreign agriculture.** Vol. 11, No. 2. February 1947. Price 10¢ a copy, \$1.00 a year, domestic; \$1.60 a year, foreign.<sup>1</sup>

**Journal of agricultural research.** Price \$2.25 a year, domestic; \$3.00 a year, foreign.<sup>1</sup> **Not distributed free to individuals.**

Of primary interest to agricultural scientists and advanced students only. Issued in 2 volumes a year of 12 numbers each. Free distribution is limited to certain libraries and to noncommercial institutions.

Separates, 5¢ domestic; 8¢ foreign.<sup>1</sup> The prices of separates may vary slightly, depending on their size. A small supply of each separate is given to the originating bureau or station for its staff, cooperators, and for such other distribution as can be made.

—Vol. 74, No. 3. February 1, 1947. Illus. Contents:

Progeny tests of asparagus plants (Key No. Minn.-126). T. M. Currence.

The quantitative estimation of hemicelluloses by direct isolation (Key No. E-100). H. D. Weihe and Max Phillips.

Some chemical treatments and their influence on damping-off, weed control, and winter injury of red pine seedlings (Key No. Wis.-159). A. J. Riker, R. H. Gruenhagen, L. F. Roth, and W. H. Brenner.

Some physiological characteristics of four varieties of spring wheat presumably differing in drought resistance (Key No. G-1357). Arthur T. Bartel.

<sup>1</sup> Payable to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

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—Vol. 74, No. 4. February 15, 1947. Illus. Contents:

The response of hybrid poplar and other forest tree species of fertilizer and lime treatment in concrete soil frames (Key No. Conn. (New Haven)-8). Herbert A. Lunt.

The effect of source of little bluestem grass seed on growth, adaptation, and use in revegetation seedings (Key No. S-5). Donald R. Cornelius.

**News for farmer cooperatives.** Vol. 13, No. 11. February 1947.

Price 10¢ a copy, \$1.00 a year, domestic; \$1.40 a year, foreign.<sup>1</sup>

**Rural electrification news.** Vol. 12, No. 6. February 1947. Price

10¢ a copy, 75¢ a year, domestic; \$1.15 a year, foreign.<sup>1</sup>

**Soil conservation.** Vol. XII, No. 7. February 1947. Price 10¢ a

copy, \$1.00 a year, domestic; \$1.50 a year, foreign.<sup>1</sup>

### MOTION PICTURES

The Motion Picture Service, Office of Information, U. S. Department of Agriculture, produces and distributes motion pictures on subjects with which the Department is concerned. They are both sound and silent and are released in 16 mm. and 35 mm. widths. Films in the 16 mm. size are available from State film libraries: 35 mm. films are available only from Motion Picture Service. They are lent to responsible agencies and persons or may be purchased outright. Prints of Department films may be obtained from 76 cooperating film libraries in the 48 States, and the Territories of Alaska, Hawaii, and Puerto Rico.

**MEN WHO GROW COTTON.** 16 mm., color, sound, running time 20 minutes. Released 1947.

Agricultural Extension Services of cotton States and the Department of Agriculture financed this film to encourage discussion of cotton and the future. The picture includes the gaiety of the cotton carnival, cotton's contribution to the national economy, ups and downs of life in the cotton belt, higher yields achieved, one-variety communities, the battle against insects, flame cultivators and mechanical pickers, southern industrial expansion, new uses for cotton and the importance of cotton to people everywhere. In addition to farm groups in the cotton belt, the picture is suggested for schools, civic clubs and other groups in any part of the country.

<sup>1</sup> Payable to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

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